

# *Project Baseline Summary Report*

Data Source: **EM CDB**

Operations/Field Office: **Chicago**

Site Summary Level: **Chicago Operations Office**

Project **CH-CHOOSA / Site A Cleanup**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0031**

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## **General Project Information**

### **Project Description Narratives**

#### **Purpose, Scope, and Technical Approach:**

Definition of Scope: Completion of cleanup effort.

Transportation and disposal of low level waste (Hanford).

Removal of government property from site.

Technical Approach: Soils in Suspect Area 4 removed from an area approximately 60 feet by 80 feet to a depth of 2 feet. Approximately 20 cubic yards of material excavated from 6 locations in Suspect Area 3. Excavated materials stabilized by adding Portland cement and water. Debris removed by hand picking, then washing and packaging separately for disposal. Soils placed in "super sacks" for curing and transportation. Sampling of stabilized materials at the `time` of containerization. Samples submitted to laboratories for analysis. Data compared to DOE Formerly Utilized Sites Remedial Action Program (FUSRAP) DOE Order 5400.5, Nuclear Regulatory Commission (NRC) guidance, and the Baseline Risk Assessment Preliminary Remediation Goals (PRGs).

#### **Project Status in FY 2006:**

All cleanup work completed in FY1997.

#### **Post-2006 Project Scope:**

None.

#### **Project End State**

Site returned to the landowner for public use. Surveillance and maintenance activities included in a separate project (CH-CHOOSM).

#### **Cost Baseline Comments:**

Actual FY 1997 costs.

#### **Safety & Health Hazards:**

NA - project is complete.

#### **Safety & Health Work Performance:**

NA - project is complete.

#### **PBS Comments:**

#### **Baseline Validation Narrative:**

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## Project Description Narratives

Actuals for completed project.

## General PBS Information

Project Validated? Yes Date Validated: 3/27/1999

Has Headquarters reviewed and approved project? No

Date Project was Added: 12/1/1997

Baseline Submission Date: 7/7/1999

FEDPLAN Project? Yes

Drivers:	CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	N	Y	N	N	N	Y	Y	Y

## Project Identification Information

DOE Project Manager: Susan Heston

DOE Project Manager Phone Number: 630-252-2381

DOE Project Manager Fax Number: 630-252-2654

DOE Project Manager e-mail address: susan.heston@ch.doe.gov

Is this a High Visibility Project (Y/N):

## Planning Section

### Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006
PBS Baseline (current year dollars)	799	0	799	799	799				0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	799	0	799	799	799				0	0	0	0	0	0	0

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## Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006	
PBS EM Baseline (current year dollars)	799	0	799	799	799				0	0	0	0	0	0	0	
PBS EM Baseline (constant 1999 dollars)	799	0	799	799	799				0	0	0	0	0	0	0	
	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
0.00%			2.70%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%

## Project Reconciliation

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## Project Reconciliation

### Project Completion Date Changes:

Previously Projected End Date of Project: 3/1/1997

Current Projected End Date of Project: 3/31/1997

Explanation of Project Completion Date Difference (if applicable):

## Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	350	Actual 1997 Cost:	799	Actual 1998 Cost:	
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	-449	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):		-12	
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	-461				

## Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):		
Cost Reductions Due to Efficiencies (-):		
Cost Associated with New Scope (+):		
Cost Growth Associated with Scope Previously Reported (+):	461	Transportation and disposition costs were higher than anticipated.
Cost Reductions Due to Science & Technology Efficiencies (-):		
Subtotal:	0	
Additional Amount to Reconcile (+):	0	
Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	0	

## Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Complete			3/31/1997								

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## Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Start			10/1/1996								

## Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
Project Complete					Y						
Project Start				Y							

## Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planned 2004
RS														
Assess.	NR	0.00	0.00	0.00	10.00									
RS														
Cleanup	NR	2.00	0.00	2.00	8.00	2.00	2.00							
Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035	Planned 2036 - 2040
RS														
Assess.	NR													
RS														
Cleanup	NR													
Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total				

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Category/Subcategory			Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total			
RS															
Assess.			NR									10.00			
RS															
Cleanup			NR									10.00			
Release Sites															
Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD	
SAFP	0001		IG1 \ Lead Foundry and K&L labs	Waste/Miscellaneous Surface Debris	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	
SAFP	0002		IG10 \ Milorganite Mounds	Above Ground Material / Waste/Muck Piles	1996		8/7/1996	1997		3/20/1997		N	Approved	Y	
SAFP	0003		IG2 \ Septic System	Liquid Surface Impoundments/Leach Fields	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	
SAFP	0004		IG3 \ USTs	Tanks/Underground Storage Tanks	1995		9/30/1995	1995		9/30/1995		N	Pending	Y	
SAFP	0005		IG4 \ Bioshield	Waste/Miscellaneous Surface Debris	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	
SAFP	0006		IG5 \ Suspect Areas 3&4	Waste/Miscellaneous Surface Debris	1996		8/7/1996	1997		3/20/1997		N	Approved	Y	
SAFP	0007		IG6 \ Suspect Areas 5&6	Waste/Miscellaneous Surface Debris	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	
SAFP	0008		IG7 \ Surface Water and Sediment	Surface and Groundwater/Surface Water	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	
SAFP	0009		IG8 \ Groundwater	Surface and Groundwater/Groundwa ter Plumes	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y	

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## Release Sites

Site Code	RSF ID	Change Flag	Description	Class/Subclass Name	Planned Assess. Year	Forecast Assess. Year	Actual Assess. Date	Planned Comp. Year	Forecast Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
SAFP	0010		Other areas \ Other areas	Waste/Miscellaneous Surface Debris	1996		8/7/1996	1996		8/7/1996		Y	Pending	Y